WHAT IS CLAIMED IS:

1.   A document revision support program for enabling a computer, with a view to supporting revision of a document, to function as:

a means for inputting a document to be revised;

a means for converting an input document to be revised to data presented in a tree structure;

a means for storing converted data;

a means for designating an element of stored data and instructing to make a revision to the element;

a means for storing in said tree structured data a revision ID uniquely representing a version of the revision and an attribute representing a type of a revision made to the data's element as list structure data;

a means for saving the original prior to the revision in said element;

a means for designating a specific revision, deleting said revision ID and attribute corresponding to the revision and restoring the saved original to thereby cancel said revision; and

a means for designating a specific revision, deleting said revision ID and attribute corresponding to the revision as well as the saved original and reflecting a revision represented by the attribute on the original.

2.   The document revision support program as defined in Claim 1, wherein said list structure data is sets of data respectively consisting of a revision ID and an attribute representing a type of a revision, which sets of data are arranged in the order that revisions were made.

3.   The document revision support program as defined in Claim 1 or 2 for enabling a computer to function further as a means for designating a specific revision and generating a document representing the revision by using said element and attribute.

4.   The document revision support program as defined in Claim 1, 2 or 3 for enabling a computer to function further as a means for designating a specific revision and generating a cross reference table comparing a portion

before said revision with a portion after said revision by using said element and saved original.

5. A computer readable medium, on which a document revision support program is recorded, for enabling a computer, with a view to supporting a revision of a document, to function as:

a means for inputting a document to be revised;

a means for converting an input document to be revised to data presented in a tree structure;

a means for storing converted data;

a means for designating an element of stored data and instructing to make a revision to the element;

a means for storing in said tree structured data a revision ID uniquely representing a version of the revision and an attribute representing a type of a revision made to the data's element as list structure data;

a means for saving the original prior to the revision in said element;

a means for designating a specific revision, deleting said revision ID and attribute corresponding to the revision and restoring the saved original to thereby cancel said revision; and

a means for designating a specific revision, deleting said revision ID and attribute corresponding to the revision as well as the saved original and reflecting a revision represented by the attribute on the original.

6. The computer readable medium, on which a document revision support program is recorded, as defined in Claim 5, wherein said list structure data is sets of data respectively consisting of a revision ID and an attribute representing a type of a revision, which sets of data are arranged in the order that revisions were made.

7. The computer readable medium, on which a document revision support program is recorded, as defined in Claim 5 or 6 for enabling a computer to function further as a means for designating a specific revision and generating a document representing the revision by using said element and attribute.

8.   The computer readable medium, on which a document revision support program is recorded, as defined in Claim 5, 6 or 7 for enabling a computer to function further as a means for designating a specific revision and generating a cross reference table comparing a portion before said revision with a portion after said revision by using said element and saved original.

9.   A document revision support device comprising:

a means for inputting a document to be revised;

a means for converting an input document to be revised to data presented in a tree structure;

a means for storing converted data;

a means for designating an element of stored data and instructing to make a revision to the element;

a means for storing in said tree structured data a revision ID uniquely representing a version of the revision and an attribute representing a type of a revision made to the data's element as list structure data;

a means for saving the original prior to the revision in said element;

a means for designating a specific revision, deleting said revision ID and attribute corresponding to the revision and restoring the saved original to thereby cancel said revision; and

a means for designating a specific revision, deleting said revision ID and attribute corresponding to the revision as well as the saved original and reflecting a revision represented by the attribute on the original.

10.   The document revision support device as defined in Claim 9, wherein said list structure data is sets of data respectively consisting of a revision ID and an attribute representing a type of a revision, which sets of data are arranged in the order that revisions were made.

11.   The document revision support device as defined in Claim 9 or 10 further comprising a means for designating a specific revision and generating a document representing the revision by using said element and attribute.

12.   The document revision support program as defined in

Claim 9, 10 or 11 further comprising a means for designating a specific revision and generating a cross reference table comparing a portion before said revision with a portion after said revision by using said element and saved original.